



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
HOUSTON BRANCH  
10625 FALLSTONE RD.  
HOUSTON, TEXAS 77099

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MEMORANDUM

Date: October 6, 2005

Subject: Contract Laboratory Program Data Review

From: *Marvely Humphrey*  
Marvely Humphrey, ESAT Regional PO, 6MD-HE

To: V. Malott, 6SF-AP

Site : JONES ROAD GROUND WATER PLUME

Case#: 34472

SDG# : F1QL3

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP )data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative.

If you have any questions regarding the data review report, please call me at (281) 983-2140.

Attachments

cc: M. El-Feky, ESAT TOPO  
Files (2)



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LOCKHEED MARTIN SERVICES GROUP  
ESAT REGION 6  
10625 FALLSTONE ROAD  
HOUSTON, TEXAS 77099

MEMORANDUM

DATE: October 6, 2005  
TO: Marvelyn Humphrey, ESAT PO, Region 6  
FROM: Tom C.H. Chiang, ESAT Program Manager, Region 6 *Tony C.*  
SUBJECT: CLP Data Review  
REF: TDF # 6-05-346A ESAT # O-0857  
ESAT Contract No. 68-W-01-030

Attached is the data review summary for Case #34472  
SDG #F1QL3  
Site Jones Road Ground  
Water Plume

COMMENTS:

I. LEVEL OF DATA REVIEW

Modified full review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

CCS review determined that the laboratory was contractually compliant. Hardcopy review detected the following contractually noncompliant item that CCS did not report.

The method blanks had bromoform concentrations exceeding the contract-allowed limit (OLC03.2, p. D-46/VOA, sec. 12.1.5.7). This ongoing problem caused the bromoform results to be qualified for all samples.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed was 200 for this data package. Some results were qualified because of one minor technical problem.

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 10625 FALLSTONE ROAD  
 HOUSTON, TEXAS 77099

ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	34472	SITE	Jones Road Ground Water Plume
LABORATORY	SHEALY	NO. OF SAMPLES	4
CONTRACT#	68-W-01-040	MATRIX	water
SDG#	F1QL3	REVIEWER (IF NOT ESB)	ESAT
SOW#	OLC03.2	REVIEWER'S NAME	Ying-Ping Hsieh
ACCT#	5302DD2CJN42	COMPLETION DATE	October 6, 2005
SF#	302DD2CNK		

SAMPLE NO.	F1QL3	_____	_____	_____	_____
	F1RA5	_____	_____	_____	_____
	F1RA6	_____	_____	_____	_____
	F1RA7	_____	_____	_____	_____

DATA ASSESSMENT SUMMARY

VOA

1. HOLDING TIMES	O
2. GC/MS TUNE/INSTR. PERFORM.	O
3. CALIBRATIONS	O
4. BLANKS	M
5. DMC/SURROGATES	O
6. MATRIX SPIKE/DUPLICATE/LCS	O
7. OTHER QC	O
8. INTERNAL STANDARDS	O
9. COMPOUND ID/QUANTITATION	O
10. PERFORMANCE/COMPLETENESS	O
11. OVERALL ASSESSMENT	M

O = Data had no problems.

M = Data qualified due to major or minor problems.

Z = Data unacceptable.

NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: Contractual Issue: The method blanks had bromoform contamination exceeding the allowable limit. Technical Issue: The bromoform results were qualified for all samples because of laboratory contamination.

NOTABLE PERFORMANCE:

**COMMENTS/CLARIFICATIONS**  
**REGION 6 CLP QA REVIEW**

**CASE 34472 SDG F1QL3 SITE Jones Road Ground Water Plume LAB SHEALY**

The following is a summary of sample qualifiers used by Region 6 in reporting this CLP data:

No.	Acceptable	Provisional	Unacceptable
VOA		4	

**COMMENTS:** This SDG, contracted under SOW OLC03.2, consisted of four water samples for VOA analysis. The OTR/COC Records designated sample F1QL3 as the laboratory QC sample. The samples of this SDG were associated with trip blank sample F1R99 and field blank samples F1R93 and F1R94 in SDG F1QD4. The Region 6 RSCC verified that samples F1RA5 and F1QL3 were field duplicates. The data package arrived on time for the seven-day turnaround requirement but contained the contractually noncompliant item below.

- The method blanks had bromoform contamination exceeding the allowable limit.

Modified full review was performed on this package as requested by the TDF. The target compounds of concern with the user's desired detection limits in parentheses were vinyl chloride (2 µg/L), trans-1,2-dichloroethene (7 µg/L), cis-1,2-dichloroethene (7 µg/L), and tetrachloroethene (5 µg/L). All samples met the desired detection limit criteria. None of the target compounds of concern was reported at a concentration above the user's desired detection limit in the samples. The target compounds not designated as compounds of concern that were detected at concentrations above the CRQL's were carbon disulfide in sample F1RA7 and laboratory contaminant bromoform in all samples.

The bromoform results were qualified for all samples because of a laboratory contamination problem. The technical usability of all reported results is indicated by ESAT's final data qualifiers in the Data Summary Table (DST). An Evidence Audit was conducted for the Complete Sample Delivery Group File (CSF), and the audit results were reported on the Evidence Inventory Checklist.

**NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.**

Acceptable = No results were qualified for any problem associated with this QC parameter.  
Provisional = Some results were qualified because of problems associated with this QC parameter.  
Unusable = All results are unusable because of major problems associated with this QC parameter.

ORGANIC QA REVIEW  
CONTINUATION PAGE

CASE 34472 SDG F1OL3 SITE Jones Road Ground Water Plume LAB SHEALY

1. **Holding Times:** Acceptable. All samples were analyzed within the contractual and technical holding time limits. The pH values indicated that the samples were preserved with acid.

**NOTE:** Polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low biased results for these analytes.

2. **Tuning/Performance:** Acceptable. BFB analyses met GC/MS tuning criteria.

3. **Calibrations:** Acceptable. All calibrations met contractual criteria. Some target analytes failed technical %D calibration criteria. Data qualification was not required by Region 6 guidelines because these analytes were not detected in the associated samples.

4. **Blanks:** Provisional. Bromoform was detected at concentrations above the CRQL in the method and storage blanks, causing the method blanks to fail the contractual criteria for laboratory contamination. Methylene chloride and/or benzene were also detected at concentrations below the CRQL's in the blanks. The effects of the laboratory contamination are summarized below.

- The bromoform results above the CRQL for all samples were qualified as undetected ("U"), and the reported concentrations should be used as raised QL's ("M").
- The other laboratory "B"-flagged results (all below the CRQL's) should be considered undetected and were flagged "U" at the CRQL's on the DST.

**Trip/Field Blanks:** Trip blank sample F1R99 and field blank samples F1R93 and F1R94 contained methyl tert-butyl ether, benzene, and/or chloroform at concentrations below the CRQL's. The methyl tert-butyl ether, benzene, and chloroform positive hit results below the CRQL's in the samples of this SDG should be considered undetected and were flagged "U" at the CRQL's on the DST because of possible field/shipping contamination.

5. **Deuterated Monitoring Compounds (DMC's)/Surrogates:** Acceptable. All DMC recoveries were within the QC limits.

6. **Matrix Spike/Matrix Spike Duplicate/Laboratory Control Sample (MS/MSD/LCS):** Acceptable. The MS/MSD results met the QC criteria for precision and percent recovery.

7. **Other QC:**

**Field Duplicates:** Acceptable. The field duplicate results were consistent.

ORGANIC QA REVIEW  
CONTINUATION PAGE

CASE 34472 SDG F1QL3 SITE Jones Road Ground Water Plume LAB SHEALY

8. Internal Standards (IS): Acceptable. IS performance was acceptable for all analyses.

9. Compound Identity (ID)/Quantitation: Acceptable. The only target compounds detected at concentrations above the CRQL's were carbon disulfide in sample F1RA7 and laboratory contaminant bromoform in all samples. No compound ID or quantitation problem was detected.

10. Performance/Completeness: Acceptable. The laboratory resubmission in response to CCS was received. The resubmitted pages 140A and 140B were inserted into the CSF package. The data package was complete. The DST included in this report is the final version.

11. Overall Assessment: The bromoform results were qualified for all samples because of a laboratory contamination problem.

## HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number  
SDG: SDG Number  
EPASAMP: EPA Sample Number  
LABID: Laboratory File/Sample ID  
MATRIX: Sample Matrix  
ANDATE: Sample Analysis Date  
ANTIME: Sample Analysis Time  
CASNUM: Compound CAS Number  
ANALYTE: Compound Name  
CONC: Compound Concentration  
LABQUAL: Laboratory Qualifier  
UNITS: Concentration Units  
ADJCRQL: Adjusted Contract Required Quantitation Limit Value  
CRQLLBL: Contract Required Quantitation Limit Label  
SMPDATE: Sampling Date  
VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)  
STATLOC: Station Location

**Disclaimer:** ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, and VALDQAL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

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## ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

- U** Not detected at reported quantitation limit.
- N** Identification is tentative.
- J** Estimated value.
- L** Reported concentration is below the CRQL.
- M** Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.
- R** Unusable.
- ^** High biased. Actual concentration may be lower than the concentration reported.
- v** Low biased. Actual concentration may be higher than the concentration reported.
- F+** A false positive exists.
- F-** A false negative exists.
- B** This result may be high biased because of laboratory/field contamination. The reported concentration is above 5X or 10X the concentration reported in the method/field blank.
- UJ** Estimated quantitation limit.
- T** Identification is questionable because of absence of other commonly coexisting pesticides.
- \*** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.
- W** The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	74873	Chloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75014	Vinyl Chloride	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	74839	Bromomethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75003	Chloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75694	Trichlorodifluoromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	67641	Acetone	5.0	U	UG/L	5.0	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75150	Carbon Disulfide	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	79209	Methyl Acetate	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75092	Methylene Chloride	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	78933	2-Butanone	5.0	U	UG/L	5.0	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	74975	Bromochloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	67663	Chloroform	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	110827	Cyclohexane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	71432	Benzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	79016	Trichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	108872	Methylcyclohexane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75274	Bromodichloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	108883	Toluene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	127184	Tetrachloroethene	0.36	LJ	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	591786	2-Hexanone	5.0	U	UG/L	5.0	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	124481	Dibromochloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	108907	Chlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	100414	Ethylbenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	1330207	Xylenes (total)	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	100425	Styrene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	75252	Bromoform	1.0	UM	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	98828	Isopropylbenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620
34472	F1QL3	F1QL3	H1700801	W	08/22/2005	15:23	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	74873	Chloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75014	Vinyl Chloride	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	74839	Bromomethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75003	Chloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	67641	Acetone	5.0	U	UG/L	5.0	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75150	Carbon Disulfide	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	79209	Methyl Acetate	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75092	Methylene Chloride	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	78933	2-Butanone	5.0	U	UG/L	5.0	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	74975	Bromochloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	67663	Chloroform	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	110827	Cyclohexane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	71432	Benzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	79016	Trichloroethene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	108872	Methylcyclohexane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75274	Bromodichloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	108883	Toluene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	127184	Tetrachloroethene	0.32	LJ	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	591786	2-Hexanone	5.0	U	UG/L	5.0	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	124481	Dibromochloromethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	108907	Chlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	100414	Ethylbenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	1330207	Xylenes (total)	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	100425	Styrene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	75252	Bromoform	0.88	UM	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	98828	Isopropylbenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A
34472	F1QL3	F1RA5	H1700802	W	08/19/2005	15:19	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	JR11620A

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	74873	Chloromethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75014	Vinyl Chloride	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	74839	Bromomethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75003	Chloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	67641	Acetone	5.0	U	UG/L	5.0	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75150	Carbon Disulfide	0.27	LJ	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	79209	Methyl Acetate	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75092	Methylene Chloride	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	78933	2-Butanone	5.0	U	UG/L	5.0	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	74975	Bromoform	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	67663	Chloroform	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	110827	Cyclohexane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	71432	Benzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	79016	Trichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	108872	Methylcyclohexane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75274	Bromodichloromethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	108883	Toluene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	127184	Tetrachloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	591786	2-Hexanone	5.0	U	UG/L	5.0	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	124481	Dibromochloromethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	108907	Chlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	100414	Ethylbenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	1330207	Xylenes (total)	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	100425	Styrene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	75252	Bromoform	0.90	UM	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	98828	Isopropylbenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17
34472	F1QL3	F1RA6	H1700803	W	08/19/2005	15:41	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-17

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	74873	Chloromethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75014	Vinyl Chloride	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	74839	Bromomethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75003	Chloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	67641	Acetone	2.4	LJ	UG/L	5.0	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75150	Carbon Disulfide	8.0		UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	79209	Methyl Acetate	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75092	Methylene Chloride	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	78933	2-Butanone	5.0	U	UG/L	5.0	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	74975	Bromochloromethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	67663	Chloroform	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	110827	Cyclohexane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	71432	Benzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	79016	Trichloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	108872	Methylcyclohexane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75274	Bromodichloromethane	0.23	LJ	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	108883	Toluene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	127184	Tetrachloroethene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	591786	2-Hexanone	5.0	U	UG/L	5.0	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	124481	Dibromochloromethane	0.38	LJ	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	108907	Chlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	100414	Ethylbenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	1330207	Xylenes (total)	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	100425	Styrene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	75252	Bromoform	1.2	UM	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	98828	Isopropylbenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	79345	1,1,2-Tetrachloroethane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18
34472	F1QL3	F1RA7	H1700804	W	08/19/2005	16:03	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	08/16/2005	MW-18

# INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 34472 SDG No. F1QL3 SDG Nos. To Follow \_\_\_\_\_ SAS No. \_\_\_\_\_ Date Rec 08/24/05

EPA Lab ID:	<u>SHEALY</u>		<b>ORIGINALS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>	
Lab Location:	<u>West Columbia, SC</u>		<b>CUSTODY SEALS</b>				
Region:	<u>6</u>	Audit No.:	1. Present on package? <input checked="" type="checkbox"/>				
Resubmitted CSF?	Yes	No	X	2. Intact upon receipt? <input checked="" type="checkbox"/>			
Box No(s):	<u>1</u>		<b>FORM DC-2</b>				
COMMENTS:			3. Numbering scheme accurate? <input checked="" type="checkbox"/>				
			4. Are enclosed documents listed? <input checked="" type="checkbox"/>				
			5. Are listed documents enclosed? <input checked="" type="checkbox"/>				
			<b>FORM DC-1</b>				
			6. Present? <input checked="" type="checkbox"/>				
			7. Complete? <input checked="" type="checkbox"/>				
			8. Accurate? <input checked="" type="checkbox"/>				
			<b>CHAIN-OF-CUSTODY RECORD(s)</b>				
			9. Signed? <input checked="" type="checkbox"/>				
			10. Dated? <input checked="" type="checkbox"/>				
			<b>TRAFFIC REPORT(s) PACKING LIST(s)</b>				
			11. Signed? <input checked="" type="checkbox"/>				
			12. Dated? <input checked="" type="checkbox"/>				
			<b>AIRBILLS/AIRBILL STICKER</b>				
			13. Present? <input checked="" type="checkbox"/>				
			14. Signed? <input checked="" type="checkbox"/>				
			15. Dated? <input checked="" type="checkbox"/>				
			<b>SAMPLE TAGS</b>				
			16. Does DC-1 list tags as being included? <input checked="" type="checkbox"/>				
			17. Present? <input checked="" type="checkbox"/>				
			<b>OTHER DOCUMENTS</b>				
			18. Complete? <input checked="" type="checkbox"/>				
			19. Legible? <input checked="" type="checkbox"/>				
			20. Original? <input checked="" type="checkbox"/>				
			20a. If "NO", does the copy indicate where original documents are located? <input checked="" type="checkbox"/>				
Over for additional comments.							

Audited by: Ying-Ping Hsieh Ying-Ping Hsieh/ ESAT Data Reviewer Date 10/5/05  
 Audited by: \_\_\_\_\_ Date \_\_\_\_\_  
 Audited by: \_\_\_\_\_ Date \_\_\_\_\_

Signature

Printed Name/Title

DC-2



**USEPA Contract Laboratory Program  
Organic Traffic Report & Chain of Custody Record**

**Case No:** 34472

**DAS No:**

**R**

Region:	6	Date Shipped:	8/16/2005	<b>Chain of Custody Record</b>	Sampler Signature: <i>Webb J.</i>
Project Code:	111108	Carrier Name:	UPS	Relinquished By	(Date / Time)
Account Code:		Airbill:	1Z 66V 069 22 1000 4157	Received By	(Date / Time)
CERCLIS ID:		Shipped to:	Shealy Environmental 106 Vantage Point Drive West Columbia SC 29172 (803) 791-9700	1 <i>Webb J.</i>	8/16/05 15:30
Spill ID:				2	
Site Name/State:	JONES RD GW PLUME FEDERAL SUPEF			3	
Project Leader:	BILL HARDMANT			4	
Action:					
Sampling Co:	Shaw Environmental, Inc.				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F1QX6	Ground Water	/G	VOA-3.2 (7)	415990 (HCL), 415991 (HCL), 415992 (HCL) (3)	TO10835-2	S: 8/16/2005 14:18		--
F1QX7	Ground Water	/G	VOA-3.2 (7)	415993 (HCL), 415994 (HCL), 415995 (HCL) (3)	TO10835-3	S: 8/16/2005 14:20		--
F1R11	Ground Water	/G	VOA-3.2 (7)	415696 (HCL), 415697 (HCL), 415698 (HCL) (3)	TT11039	S: 8/16/2005 8:57		--
F1R93	Field QC	/G	VOA-3.2 (7)	415027 (HCL), 415028 (HCL), 415029 (HCL) (3)	FIELD BLANK 16	S: 8/16/2005 8:10		Field Blank
F1R94	Field QC	/G	VOA-3.2 (7)	396788 (HCL), 396789 (HCL), 396790 (HCL) (3)	FIELD BLANK 17	S: 8/16/2005 12:20		Field Blank
F1R99	Field QC	/G	VOA-3.2 (7)	372643 (HCL), 372644 (HCL), 372645 (HCL) (3)	TRIP BLANK 13	S: 8/16/2005 6:00		Trip Blank
F1RA3	Ground Water	/G	VOA-3.2 (7)	415972 (HCL), 415973 (HCL), 415974 (HCL) (3)	TH11713A	S: 8/16/2005 8:45		Field Duplicate
F1RA4	Ground Water	/G	VOA-3.2 (7)	382351 (HCL), 382352 (HCL), 382353 (HCL) (3)	TT11039A	S: 8/16/2005 8:57		Field Duplicate
F1RA5	Ground Water	/G	VOA-3.2 (7)	382363 (HCL), 382364 (HCL), 382365 (HCL) (3)	JR11620A	S: 8/16/2005 10:44		Field Duplicate
F1RA6	Ground Water	/G	VOA-3.2 (7)	396791 (HCL), 396792 (HCL), 396793 (HCL) (3)	MW-17	S: 8/16/2005 12:30		--
F1RA7	Ground Water	/G	VOA-3.2 (7)	372525 (HCL), 372526 (HCL), 372527 (HCL) (3)	MW-18	S: 8/16/2005 12:40		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: F1QD4, F1QL3	Additional Sampler Signature(s): <i>Webb J. Ray. BTB</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High VOA-3.2 = CLP TCL VOCs by OLC03.2	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

**TR Number: 6-073826063-081605-0013**

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818

FZV5.1.045 Page 3 of 3



**USEPA Contract Laboratory Program  
Organic Traffic Report & Chain of Custody Record**

Case No: 34472  
DAS No:

R

Region: 6	Date Shipped: 8/16/2005	Chain of Custody Record	
Project Code: 111108	Carrier Name: UPS	Relinquished By	(Date / Time)
Account Code:	Airbill: 1Z 66V 069 22 1000 4157	Received By	(Date / Time)
CERCLIS ID:	Shipped to: Shealy Environmental 106 Vantage Point Drive West Columbia SC 29172 (803) 791-9700		
Spill ID:			
Site Name/State: JONES RD GW PLUME FEDERAL SUPEF			
Project Leader: BILL HARDMANT			
Action:			
Sampling Co: Shaw Environmental, Inc.			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F1QL1	Ground Water	/G	VOA-3.2 (7)	415904 (HCL), 415905 (HCL), 415906 (HCL) (3)	JR11614-2	S: 8/16/2005 9:00		-
F1QL2	Ground Water	/G	VOA-3.2 (7)	415907 (HCL), 415908 (HCL), 415909 (HCL) (3)	JR11614-3	S: 8/16/2005 9:03		-
F1QL3	Ground Water	/G	VOA-3.2 (7)	382354 (HCL), 382355 (HCL), 382356 (HCL), 382357 (HCL), 382358 (HCL), 382359 (HCL), 382360 (HCL), 382361 (HCL), 382362 (HCL) (9)	JR11620	S: 8/16/2005 10:44		-
F1QT7	Ground Water	/G	VOA-3.2 (7)	415978 (HCL), 415979 (HCL), 415980 (HCL) (3)	TH11618-1	S: 8/16/2005 10:45		-
F1QT8	Ground Water	/G	VOA-3.2 (7)	415981 (HCL), 415982 (HCL), 415983 (HCL) (3)	TH11618-2	S: 8/16/2005 10:48		-
F1QT9	Ground Water	/G	VOA-3.2 (7)	415984 (HCL), 415985 (HCL), 415986 (HCL) (3)	TH11618-3	S: 8/16/2005 10:50		-
F1QW6	Ground Water	/G	VOA-3.2 (7)	415975 (HCL), 415976 (HCL), 415977 (HCL) (3)	TH11703	S: 8/16/2005 9:45		-
F1QW7	Ground Water	/G	VOA-3.2 (7)	415969 (HCL), 415970 (HCL), 415971 (HCL) (3)	TH11713	S: 8/16/2005 8:45		-
F1QX5	Ground Water	/G	VOA-3.2 (7)	415987 (HCL), 415988 (HCL), 415989 (HCL) (3)	TO10835-1	S: 8/16/2005 14:15		-

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: F1QD4, F1QL3	Additional Sampler Signature(s): <i>W.Wooley J. Rob</i> <i>B.Th</i> <i>W.Wooley</i>	Chain of Custody Seal Number:
Analysis Key: VOA-3.2 = CLP TCL VOCs by OLC03.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?

TR Number: 6-073826063-081605-0013

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